

INTERNATIONAL SEARCH REPORT

In or Application No

PCT/D/03959

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01D5/02 F01D5/28 F01D5/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 964 135 A (MITSUBISHI HEAVY IND LTD) 15 December 1999 (1999-12-15) paragraph '0001! - paragraph '0004! paragraph '0012! - paragraph '0013! paragraph '0017! abstract; figures 1-3,5,6	1,4,5,7, 10,12
X	US 5 407 497 A (HASSAN ALAIN ET AL) 18 April 1995 (1995-04-18)	1,4,5,7, 10,12
A	column 3, line 12 -column 4, line 2 abstract; figure 3	2,3,8,9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
6 May 2004	12/05/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	O'Shea, G

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/DE3/03959

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HUCHTEMANN B ET AL: "Fortschritte bei warmfesten und hochwarmfesten Stählen" STAHL U. EISEN, vol. 106, no. 13, 30 June 1986 (1986-06-30), pages 733-738, XP008030416 page 735, column 2, line 5 -page 736, column 2, line 11 abstract; figures 1,3-7 -----	1-3,7-9
A	DE 29 06 371 A (KLOECKNER WERKE AG) 21 August 1980 (1980-08-21) page 4, paragraph 2 page 5, line 3 page 7, paragraph 2 -----	1-3,8,9, 12

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int	Application No
PCT/EP/03/03959	

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
EP 0964135	A 15-12-1999	JP 2000064805 A			29-02-2000
		CN 1246579 A			08-03-2000
		EP 0964135 A2			15-12-1999
		ID 23116 A			02-03-2000
		KR 2000005928 A			25-01-2000
		SG 87808 A1			16-04-2002
		TW 394812 B			21-06-2000
		US 6152697 A			28-11-2000
US 5407497	A 18-04-1995	FR 2701272 A1			12-08-1994
		DE 69421198 D1			25-11-1999
		DE 69421198 T2			25-05-2000
		EP 0610135 A1			10-08-1994
DE 2906371	A 21-08-1980	DE 2906371 A1			21-08-1980